

Program Description/Textbook or Print Instructional Material

Vendor: Harcourt School Publishers Web Address: www.harcourtschool.com

Title: Harcourt Math Copyright © 2002

Author: Maletsky, Andrews, Bennett, Burton, Johnson, Luckie, McLeod, Newman, Scheer, Schultz

ISBN: See attached Course/Content Area: Math

Intended Grade or Level: Kindergarten – Grade 6 Readability Level: See attached

List Price: See attached Lowest Wholesale Price: See attached

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content: *Harcourt Math* is a comprehensive, well-balanced mathematics program for students in kindergarten through grade 6. It is aligned with the National Council of Mathematics Standards 2000, Kentucky's Learning Goals and Academic Expectations, and Core Content for Mathematics Assessment. It satisfies each standard by providing a balance of conceptual understanding, skill proficiency, problem solving and reasoning ability, and facility with mathematical language. The emphasis is on understanding the key mathematical ideas that underlie each standard and on subsequently applying them to situations in everyday life.

Harcourt Math sequentially develops all strands of mathematics: number/computation, geometry/ measurement, probability/statistics, and algebraic ideas. Though special lessons fully develop problem-solving skills and strategies, problem solving is an integral part of every lesson, challenging students to apply their mathematical knowledge to the real world. Throughout the program, reasoning and higher-order thinking skills are developed, and many opportunities are provided for students to communicate their mathematical thinking and understanding. Skill proficiency is developed through abundant practice in varied formats and through a spiraling review that appears in every lesson.

Student Experiences: *Harcourt Math* offers a variety of experiences that builds a solid foundation in mathematics. Through direct instruction, hands-on experiences, step-by-step models, and questioning that requires students to justify their answers and explain their thinking, *Harcourt Math* develops an understanding of appropriate concepts and algorithms. Learning is reinforced through technology, games, and activities.

Assessment: *Harcourt Math* provides comprehensive, multidimensional assessments fully aligned with instruction and designed to meet the needs of all children. The assessment program includes tests for assessing prior knowledge; opportunities for daily assessment; formal assessments in free-response and multiple-choice formats; performance assessments; student self-assessments; portfolio suggestions; and test preparation. This broad array of assessment options gives students a variety of ways to demonstrate their understanding and depth of knowledge and supports teachers in making sound instructional decisions.

Organization: *Harcourt Math* has a unique, easy-to-use organization that offers teachers flexibility in management of instruction. The chapter organization presents content in manageable segments focusing on one big idea at a time. This organization provides concentrated instruction in key concepts, promotes more frequent review, and enables teachers to assess student progress more effectively.

Resource Materials: See Available Ancillary Materials.

Gratis Items To Be Provided And Under What Conditions:

Free, upon request, w/ purchase of 20 PEs, OR 20 PE Chapter Bks & the Kindergarten Resource Pkg of HARCOURT MATH, © 2002, 1st yr of impl: KY Planning Gd (web based). Choice per tchr, upon request, w/ purchase indicated above: Big Bk of PE; OR My Math Manips & Workmats (1:PE OR PE Chapter Bk purchased); OR Core Manip Kit; OR Tchr's Modeling Kit; OR Math Readers Collection (5 sets of 12 titles).

Free, 1:tchr, upon request, w/ purchase of 20 corresponding PEs OR corresponding Unit Bks of HARCOURT MATH, ©2002, Grs 1 or 2, 1st yr of impl: TE, Vol 1; TE, Vol 2; KY Planning Gd (web based); KY Test Prep Bk; KY Test Prep Bk, TE; Assess Gd; Tchr's Resource Bk; Prac Wkbk, TE; Reteach Wkbk, TE; Prob Solving Wkbk, TE; Challenge Wkbk, TE; Daily Transp. Choice per tchr, upon request, w/ purchase indicated above, 1st yr of impl (unless otherwise indicated). Choose 1 of the following Wkbks (1:PE purchased, for 6 yrs): Prac Wkbk OR Prob Solving & Reading Strategies Wkbk OR Reteach Wkbk OR Challenge Wkbk; OR Math Readers Gr 1 Collection (5 sets of 12 titles); OR Intvn Strategies & Act Kit; OR Voc Cards w/ Tchr's Activity Gd + Act & Games for Home or School Pkg + Mighty Math Carnival Countdown CD-ROM (Mac/Win) + Mighty Math Zoo Zillions CD-ROM (Mac/Win); OR Choose 1 of the following: My Math Manips & Workmats (1:PE purchased) OR Core Manip Kit OR Tchr's Modeling Kit.

Free, 1:tchr, upon request, w/ purchase of 20 corresponding PEs of HARCOURT MATH, ©2002, Gr 3, 1st yr of impl. TE, Vol 1; TE, Vol 2; KY Planning Gd (web based); KY Test Prep Bk; KY Test Prep Bk, TE; Assess Gd; Tchr's Resource Bk; Prac Wkbk, TE; Reteach Wkbk, TE; Prob Solving & Reading Strategies Wkbk, TE; Challenge Wkbk, TE; Daily Transp. Choice per tchr, upon request, w/ purchase indicated above, 1st yr of impl (unless otherwise indicated): Choose 1 of the following Wkbks (1:PE purchased, for 6 yrs): Prac Wkbk OR Prob Solving & Reading Strategies Wkbk OR Reteach Wkbk OR Challenge Wkbk; OR Intvn Strategies & Act Kit; OR Voc Cards w/ Tchr's Activity Gd + Act & Games for Home or School Pkg + Mighty Math Number Heroes CD-ROM (Mac/Win), Mighty Math Calculating Crew CD-ROM (Mac/Win); OR Choose 1 of the following: Core Manip Kit OR Tchr's Modeling Kit.

Free, 1:tchr, upon request, w/ purchase of 25 corresponding PEs of HARCOURT MATH, ©2002, Grs 4, 5, OR 6, 1st yr of impl: TE, Vol 1; TE, Vol 2; KY Planning Gd (web based); KY Test Prep Bk; KY Test Prep Bk, TE; Assess Gd; Tchr's Resource Bk; Prac Wkbk, TE; Reteach Wkbk, TE; Prob Solving & Reading Strategies Wkbk, TE; Challenge Wkbk, TE; Daily Transp. Choice per tchr, upon request, w/ purchase indicated above, 1st yr of impl (unless otherwise indicated). Choose 1 of the following Wkbks (1:PE purchased, for 6 yrs): Prac Wkbk OR Prob Solving & Reading Strategies Wkbk OR Reteach Wkbk OR Challenge Wkbk; OR Intvn Strategies & Act Kit; OR Voc Cards w/ Tchr's Activity Gd + Act & Games for Home or School Pkg + Mighty Math Number Heroes CD-ROM (Mac/Win)(Gr 4 & 5) + Mighty Math Calculating Crew CD-ROM (Mac/Win)(Gr 4 & 5) (Astro Algebra and Cosmic Geometry for Gr 6); OR Choose 1 of the following: Core Manip Kit OR Tchr's Modeling Kit.

Free, 1 per School, upon request, w/complete implementation of Grs K-6 of HARCOURT MATH, ©2002, Math Jingles CD's, Gr K, 1&2, 3&4, 5&6 AND Harcourt Elect Test Sys CD-ROM, Single Sch Pkg, Gr 1-6.

Available Ancillary Materials: TE; Prac Wkbk+TE; Reteach Wkbk+TE; Tchr's Res Bk; Assess Gd; Perf Assess; Challenge Wkbk+TE; Prob Solving & Read Strat Wkbk + TE; Prob Solving Trans; Teaching Trans; Daily Trans; Answer & Sol Key; Calculator Hdbk; Interv Kit; Interv Strategies Trans; Lesson Res Org; Interv Pract Bk; Enrichment Bk; Voc Cards; Math Readers; Fam Inv Act; Act & Games Pkg; Success for ELL; Manip Kits; Interv Strat & Act CD-ROM; Math Jingles; Math Planning Res CD-ROM; Elect Test System CD-ROM; videos; software.

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

DISCLAIMER: The Research Data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the Review Team, State Textbook Commission, nor the Kentucky Department of Education.

Harcourt Math was developed using the National Council of Mathematics Standards 2000 and Kentucky's Learning Goals and Academic Expectations, and Academic Expectations and Core Content for Mathematics Assessment. This, coupled with a strong authorship team and research into how children learn, ensures that the content is accurate and the instructional approach is developmentally appropriate for each grade level. In addition, content specialists, math supervisors, and educators from across the country reviewed the program, and extensive field-testing was conducted to ensure the practicality and grade-level appropriateness of materials. During the field testing, pre-tests and posttests were administered. A highly significant increase in scores between the pre-tests and posttests showed that the instruction is very effective in increasing student understanding of key math vocabulary, concepts, and understandings.

Harcourt Math textbooks are available in an accessible electronic format for Braille.

ATTACHMENT

TITLE	ISBN	GRADE	READ- ABILITY	LIST PRICE	LOWEST WHOLES PRICE
Pupil Edition (consumable)	0-15-320744-2	K	*	22.64	16.98
Pupil Edition Chapter Books	0-15-322049-X	K	*	22.64	16.98
Big Book of Pupil Edition	0-15-320893-7	K	*	329.60	247.20
Kindergarten Package	0-15-322167-4	K	*	914.40	685.80
Pupil Edition, Grade 1 (consumable)	0-15-320745-0	1	1.5	33.00	24.75
Pupil Edition Unit Books, Grade 1 (consumable)	0-15-322050-3	1	1.5	33.28	24.96
Pupil Edition, Grade 2	0-15-320746-9	2	2.3	33.00	24.75
Pupil Edition Unit Books, Grade 2 (consumable)	0-15-322051-1	2	2.3	33.28	24.96
Pupil Edition, Grade 3	0-15-320747-7	3	3.5	59.67	44.75
Pupil Edition, Grade 4	0-15-320748-5	4	4.4	59.67	44.75
Pupil Edition, Grade 5	0-15-320749-3	5	5.5	59.93	44.95
Pupil Edition, Grade 6	0-15-320750-7	6	6.3	59.93	44.95

* Due to the number of words and sentence length, accurate readability scores can not be run on Grade K.